CLAIMS:

1. A substance delivery device, including a substance dispenser

characterised in that the surface area of the substance dispenser is independent of the supporting structure of the substance delivery device.

2. A substance delivery device as claimed in claim 1 in the form of a intravaginal release device.

3. A substance delivery device as claimed in either 1 or claim 2 for use with cows.

4. A substance delivery device as claimed in any one of claims 1 to 3, wherein the substance dispenser is a pod with housing containing vanes.

5. A substance dispenser as claimed in any one of claims 1 to 4 wherein the substance dispenser is in the form of fingers extending from the support structure.

6. A substance delivery device where the substance dispenser is in the form of drug impregnated or coated gills attached to the support structure.

7. A substance delivery device as claimed in either claim 4 or claim 5 wherein the vanes and/or fingers are coated or impregnated with the substance to be dispensed.

8. A substance delivery device as claimed in any one of claims 4 to 7, wherein the gills, vanes or fingers are coated or impregnated with different drugs and different combinations.

9. ~~A drug~~ dispensing dispensing device as claimed in claim 4 wherein the

vanes are configured to form a cavity within the drug delivery device.

10. A drug delivery device as claimed in any one of claims 1 to 9 wherein the substance dispenser is made from polydimethylsiloxane.

11. A substance delivery device as claimed in any one of claims 1 to 10 wherein the substance dispenser is highly flexible.

12. A substance delivery device as claimed in any one of claims 1 to 11 wherein the substance dispenser has essential aperture allowing the substance delivery device to slide over the support structure.

13. A substance delivery device wherein the substance dispenser is in the form of a sleeve which can slide over an arm of the support structure.

14. A substance delivery device substantially as herein described with reference to and as illustrated by the accompanying drawings.

15. A method of delivering drugs substantially as herein described with reference to the description within the specification.

09/622094
526 Rec'd PCT/PTO 11 AUG 2000

CLAIMS:

1. A substance delivery device, including a substance dispenser fixed to a supporting structure by a releasable fixing means wherein the releasable fixing means includes a substance dispenser having a central aperture allowing the substance dispenser to slide over a corresponding section of the supporting structure and be readily removed from same, characterised in that the surface area of the substance dispenser is independent of the supporting structure and the substance dispenser is in the form of fingers extending from the support structure.

2. A substance delivery device as claimed in claim 1 wherein the said fingers are gills.

3. A substance delivery device as claimed in claim 1 wherein the said fingers are vanes.

4. A substance delivery device as claimed any one of claims 1 to 3 wherein the fingers are coated or impregnated with the substance to be dispensed.

5. A drug delivery device as claimed in any one of claims 1 to 4 wherein the substance dispenser is made from polydimethylsiloxane.

6. A substance delivery device as claimed in any one of claims 1 to 5 wherein the substance dispenser is highly flexible.

7. A substance delivery device as claimed in any one of claims 1 to 6 in the form of a intravaginal release device.

8. A substance delivery device as claimed in any one of claims 1 to 7 for use with cows.

9. A substance delivery device substantially as herein described with reference to and as illustrated by the accompanying drawings.

10. A method of delivering drugs substantially as herein described with reference to the description within the specification.